

ABSTRACT

A conveying chain guide, in which the stick slip phenomenon of a conveying chain, which meshes with a driving sprocket, and a seasickness phenomenon are removed whereby stable conveying of articles can be smoothly realized and the driving force and vibration noise of a conveying chain can be remarkably reduced. When continuous three rollers C1, C2, C3 in the conveying chain C is to be meshed with the sprocket while gradually descending from the linear rail R for supporting the conveying surface toward the driving sprocket S, in such an arrangement traveling state that always corresponds to the linear rail R for supporting the conveying surface, a transfer position X1 and a meshing position X2, the guide track T is defined along an movement passage of the roller C2 in the transfer position X1.